

HRDLICKA, A., inz.

Brief survey of motion-picture title copying machines.
Jemna mech opt 8 no. 12: 397-401 D '63.

1. Metra, Praha.

SELIGER, Vaclav, doc. dr.; HRDLICKA, Jan

Wireless transmission of pulse frequency. Prac. lek. 17 no.3:
109-111 Kp'65.

1. Katedra fyziologie a vyvojova diina fakulty telesne vychovy
a sportu Karlovy University v Praze (vedouci doc. dr. V.
Seliger a Jan Hrdlicka).

L 44805-66

SOURCE CODE: CZ/0078/65/000/010/0011/0011

ACC NR: AP6006152 (A)

INVENTOR: Soucek, Jiri (Engineer; Benesov u Prahy); Hampl, K. (Vlasim); Smaus, F. (Benesov u Prahy); Skvor, J. (Engineer; Uvaly); Bezouska, V. (Pruhonice); Hrdlicka, J. (Prague); Pokorny, O. (Prague); Zavazal, Z. (Prague); Smetana, J. (Prague)

72
B

ORG: none

TITLE: (Thermal expansion compensator for semiconductor system) CZ Pat. No. PV 1827-64

SOURCE: Vynalezky, no. 10, 1965, 11

TOPIC TAGS: electrode, semiconductor device, thermal expansion

ABSTRACT: The electrode of the housing of a semiconductor system which is vacuum (hermetically) tight secured by means of the electrical insulating part to the base housing forming the other electrode which has positioned inside it a channel or duct sealed from the outside to which is introduced inside the housing a positioned expansion member constituting an electrical connection between the electrode and the semiconductor system feature in the device described here. The electrodes protrude from the housing in such a way that to the expansion member fixed to it can be secured deformation electrodes from the outside and that a conductor can be attached to them

Card 1/2

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ACC NR: AP6006152

from the outside. This arrangement is distinguished by the fact that the electrodes and the conductor connected to it are enclosed by the housing fixed to the conductor and the deformation electrode. The deformation of the housing at the point where it touches the electrode proceeds to such a depth that the electrode and expansion member are deformed simultaneously.

SUB CODE: 09/ / SUBM DATE: 31Mar64

Card 2/2

blg

HRDLICKA, Jan, inz.

Information from abroad. Elektrotechnik 18 no.9:276 S'63.

MASTNER, J.; HRDLICKA, J.

A simple TANDEL electrometer circuit. Čechosl fiz zhurnal 14
no.9:722-725 '64.

1. Institute of Physics, Czechoslovak Academy of Sciences, Prague
8, Lumumbova 1.

MASLOV, G.; MURINA, S.

A single band of electrostatic field. U. S. Geol. Surv. Bull. 114
no. 10:773-785 1961.

1. Institute of Physics of the Czechoslovak Academy of Sciences,
Prague 8, Loubenska 1.

HRDLICKA, Jan., inz.

Information. Elektrotechnik 19 no.2:63-64

F'64

HRDLICKA, J.

HRDLICKA, J. Use of electric tools of a higher frequency in building. p. 63.

Vol. 12, no. 2, Feb. 1957

ELEKTROTECHNIK

TECHNOLOGY

Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

HRDLICKA, J.

Second general meeting of the Scientific Technical Society for Electrical Engineering.

p. 3 (Elektrotechnik) Vol. 12, No. 8, Aug. 1957, Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO: 1, Jan. 1958

HRD-... ..

HRDKICKA, J.

Problem of gas-pipe line protection against corrosion. Paliva
41 no.10:311-314 0 '61.

1. Korosni technik, Severoceske plynarny.

HRDLICKA, Jiri, inz.

Boring of galleries in coal mines in Ostrava-Karvina coal district.
Uhli 3 no.11:363-365 N '61.

1. Banske projekty, Ostrava.

Z/018/60/000/009/002/003
E073/E335

AUTHOR: Hrdlička, Jan, Engineer

TITLE: New Soviet Electromagnetic Method for Monitoring
the Quality of Surface Hardening

PERIODICAL: Elektrotechnik, 1960, No. 9, p. 307

TEXT: A new electromagnetic method of monitoring the quality of surface-hardening has been developed in the USSR. This method enables rapid testing of the structure and depth of a hardened layer without damaging the surface of the component. Two methods are used in the investigations: on the one hand, an AC is used for generating eddy current in the material and, on the other hand, a direct current is used by means of which the residual magnetic field is determined. The results of these measurements are very accurate. ✓

Card 1/1

HRDLICKA, Jan, inz.

Information from abroad. Elektrotechnik 17 no.10:304 0 '62.

CZECHOSLOVAKIA

J. HRDLICKA, Institute of Physiology (Fysiologicky ustav) CSAV, Prague.

"Mechanization and Automation in the Processing of Scientific Information."

Prague, Ceskoslovenska Fysiologie, Vol 12, No 1, Jan 1963: pp 52-57.

Abstract: Review of progress in documentation; author discusses large modern scientific information center utilizing coding and storage on aperture cards for processing by electronic sorting machines and electrostatic reproduction including Xerox Copyflow. He also studied Xerox-reduction of summaries directly from original publication onto half of punch-card with other half reserved for code (round-hole Hollerith cards), found system feasible. He believes Eastern countries will achieve international cooperation and effective work in this field before the West. Two punch cards with aperture for microfilm and abstract respectively; diagram of modern information center work flow. 10 Czech, 7 English-language, 1 Soviet and 1 Polish reference.

1/1

BACKOVSKY, Jindrich; DUDR, Viktor; HRDY, Jaromir

Method of exact measurement of total reflection of X rays in
the medium wavelength region. Cs cas fys 14 no. 1:17-23 '64.

1. Ustav fyziky pevných látek, Československá akademie věd,
Praha.

HRDLICKOVA, J. BILA, L.

Our experiences with 3,352 children with infectious hepatitis.
Cesk. pediat. 18 no.11:1014-1020 N°63.

1. Detske infekcni oddeleni Thomayerovy nemocnice v Praze
4 - Krci; vedouci: MUDr. L. Bila.

*

HRDLICKA J.

Kurare v chirurgii. [Curare in surgery] Lek. listy 5:7 1 Apr 50
p. 195-7.

1. Of the First Surgical Clinic (Head --- Prof. Josef Podlaha, M.D.)
of the Medical Faculty, Masaryk University, Brno.

HRDLICKA, J.; KRUTOVA; MALEK, J.

[Frequency and seasonal rhythm of premature births in relation to the weight and size of fetus] Frekvence predcasnych porodu podle vah a mer plodu a jejich sezenni rytmus. Cesk.gyn. 15 no.1-2:26-35 '50. (CML 19:1)

1. Of the First Obstetrical and Gynecological Clinic of Charles University, Prague (Head -- Prof. K.Klaus, M.D.)

HRDLICKA, Jiri, As. MUDr (Brno, Krizova 17)

Surgical therapy of specific empyema. Lek. listy 9 no.8:181-183
Ap '54.

1. Z I. chirurgické kliniky lékařské fakulty MU v Brně. Přednosta
prof. Dr J. Podlaha.
(EMPYEMA, PLEURAL, surgery.)
*

HRDLICKA, Jiri, As MUDr

Evaluation of Millin's retropubic prostatectomy. Lek. listy, Brno
9 no.12:279-283 15 June 54.

1. I. chirurgicka klinika lekarske fakulty Masarykovy university
v Brne. Prednosta prof. MUDr Josef Podlaha.
(PROSTATE, surgery,
excis., Millin's retropubic technic)

LEDERER, JES

Chemical Abstracts
May 25, 1954
Analytical Chemistry

②
Simple photocolometric determination of reducing sugars. Gustav Janíček and Jiří Hrdlička. *Listy Cukrov. 70, 27-32 (1954)*. -Crit: study of existing methods and exptl. results given. A brief description of Magioudon and Illari's direct Cu detn. in unreduced Fehling soln. The following conclusions were made: (1) Fehling soln. follows Beer-Lambert laws, with the exception of Schooel-Luff soln., which deviates a little. (2) The photocolometric values are reproducible. (3) Cu₂O is removed easily with the centrifuge. (4) Calibration curves speed the analyses. 28 references. Jes. Lederer

HRDLICKA, Jiri, As. MUDr

Treatment of an early carcinoma of the prostate by total retropubic
prostatectomy. Rozhl.chir. 34 no.1-2:68-75. Feb '55.

I. I. chirurgicka klinika lekarske fakulty Masarykovy university
v Brne (prednosta prof. MUDr Josef Podlaha)
(PROSTATE, neoplasms
early carcinoma, surg., total retropubic prostatectomy)

KROPACEK, Josef, As., MUDr.; HRDLICKA, Jiri, as., MUDr.

Replacement of the ureter by the small intestine. Cas. lek. cesk.
94 no.25:684-686 17 June 55.

1. I. chirurgicka klinika lecarske fakulty Masarykovy university,
Brno, Prednosta prof. Dr. Jos. Podlaha.

(URETERS, surgery
replacement by small intestine.)
(INTESTINE SMALL, transplantation
ureter replacement.)

Bladder and Colon.

Substitution of urinary bladder with sigmoid colon with preservation of normal urinary continence & stools; experiments on dogs. 1956. 35 pp. 1:47-50. 2: 56.

J. & I. chirurgické kliniky lek. fak. Masarykovy university v Brně
Prezident: prof. MUDr. Josef Podlaha.

(BLADDER, surg.)

substitute bladder with sigmoid colon in dogs (12)

(COLON, surg.)

sigmoid colon in bladder substitution in dogs (20)

HRDLICKA, Jiri

Importance of intestinal catheter in post-operative treatment of intestinal obstruction. Polski przegl. chir. 29 no.2:147-149 Feb 57.

1. Z I Chirurgicznej Kliniki Uniwersytetu im. Masaryka w Brnie
Kierownik: prof. dr. J. Podlaha. Adres autora: Brno, Krizova 17.

(INTESTINAL OBSTRUCTION, surg.

postop. care, importance of intestinal catheter (Pol))

(CATHETERIZATION, in var. dis.

postop. in intestinal obstruct. (Pol))

HRDLICKA, Jiri.

Acute occlusion of the superior mesenteric artery treated by
embolectomy. Cas. lek. cesk. 96 no.27-28:888-890 5 July 57.

1. I chirurgicka klinika MU v Brne, prednosta prof. Dr. J. Podlaha.
(ARTERIES, MESENTERIC, dis.
embolism causing acute occlusion of superior mesenteric
artery, surg., embolectomy (Cs))

EXCERPTA MEDICA Sec 9 Vol 13/8 Surgery August 59

4676. PLASTIC RECONSTRUCTION OF THE URETER BY THE SMALL IN-
TESTINE - Operacja wytwórcza moczowodu z jelita cienkiego - Hrdlicka
J. Klin. Chir. Uniw. Im Masaryka, Brno - UROL. POL. 1958, 12 (23-28)

Ilus. 4

Report of a case occurring in a woman with only one kidney in whom, following gynaecological surgery, the ureter had become obstructed over a length of approx. 20 cm. The operation consisted of isolating the ileal loop with preservation of its vascularization and in anastomosing its upper end with the ureter and its lower end with the urinary bladder. The continuity of the small intestine was restored by end to end anastomosis. After the operation the patient urinates normally, without retention of urine.

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EXCERPTA MEDICA Sec 9/Vol 13/5 SURGERY May 59

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e child-

2700. DETERMINATION OF THE VITALITY AND RECOVERY POWER OF BOWEL LOOPS DAMAGED BY INTUSSUSCEPTION - Určování životnosti a ožívání střevní kličky poškozené uskfinutím. (Experimentální práce na psech) - Hrdlička J. 1. Chir. Klin. MU, Brno - ROZHL. CHIR. 1958, 37/2 (98-105) Graphs 10 Illus. 1

The vitality of damaged loops of bowel was determined by measuring the intestinal surface temperature. This method is considered clinically reliable. It was also used to test the effectiveness of some usual measures for recovery of the gut. Papaverine proved the most effective. Injection of novocaine into the mesenteric vessels had only a slight effect, and O₂ inhalation had none. Heparin was found to be unsuitable and even dangerous in such cases.

HRDLICKA, Jiri

Embolectomy in the superior mesenteric artery (experiments on dogs). Rozhl.chir.40 no.1:16-31 Ja '61.

1. I.chirurgicka klinika lek.fak.University J.E.Purkyne v Brno,
prednosta prof.dr. J.Podlaha.
(MESENTERIC VESSELS surg)
(EMBOLISM surg)

HRDLICKA, Jiri; KUBICEK, Jan

Examination of aromatic substances in fermentation products. Pt.1. Kvasny
prum 9 no.2:35-38 F '63.

1. Katedra chemie a zkouseni potravin, Vysoka skola chemicko-technologicka,
Praha, Ustredni kontrola a vyvoj jakosti potravin.

HRDLICKA, Jiri, inz., dr.; KMONICEK, Josef

Production of preboiled rice. Prum potravin 14, no.5:262-265
My '63.

1. Vysoka skola chemickotechnologicka, katedra chemie a zkouseni
potravin, Praha (for Hrdlicka).

HRDLICKA, Jiri; POKORNY, Jan

Formation of volatile carbonyl derivatives in rape oil oxidation.
Prum petravin 15 no.8:400-401 Ag '64.

1. Higher School of Chemical Technology, Chair of Food Chemistry
and Testing, Prague.

HRDLIČKA, Jiri, inz. zn. CSc.

Some technological methods in maize grain processing. From
potravin 15 no.8:297-410 Pg 164.

1. Higher School of Chemical Technology, Chair of Food Chemistry
and Testing, Prague.

HRDLICKA, Jiri

Nitrogenous substances in extracted rape groats. Prum potravin
15 no. 6:281-282 Je '64.

1. Chair of Food Chemistry and Testing, Higher School of
Chemical Technology, Prague.

HRDLICKA, Jiri, inz. dr. CSc.; FOKORNY, Jan, inz. CSc.; HANICZE, Gustav, prof.
inz. dr.

Study of the chemical composition of oat varieties. Host vyroba
11 no.3:231-242 Mr '65.

1. Chair of Food Chemistry and Testing of the Higher School of
Chemical Technology, Prague 6, Technicka 5. Submitted May 26,
1964.

HRDLICKA, Josef

Geometricka optika; prednasky pro posluchace zememerickeho inzenyrstvi na Ceskem vysokem uceni technickem v Praze. Praha, Spolek posluchacu zememerickeho inzenyrstvi, 1950. 203 p. (Geometric optics; lectures for students of surveying at the Institute of Technology in Prague)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956, Uncl.

HRDLICKA, J.

"Resolving Power of the System 'Objective Lense - Emulsion.'" (In French). By
V. Blumova and J. Hrdlicka.

SO: CZECHOSLOVAK JOURNAL OF PHYSICS, Vol. 4, No. 1, Feb., 1954

317 ELECTRODYNAMIC EDDY-CURRENT COUPLING
 of HARRIS and J. HARRIS
 Electrostatic Power, Vol. 46, No. 9 460-76 (1968) In Czech
 Presents the theory of the calculation of the depth of penetra-
 tion of eddy currents and the eddy-current losses which, in
 turn, represent the useful power of the type of coupling
 considered. The energy balance of a given coupling is deter-
 mined, considering the permeability surface losses and the
 influence of the material used. Design diagrams are also
 given.

HARRIS

①

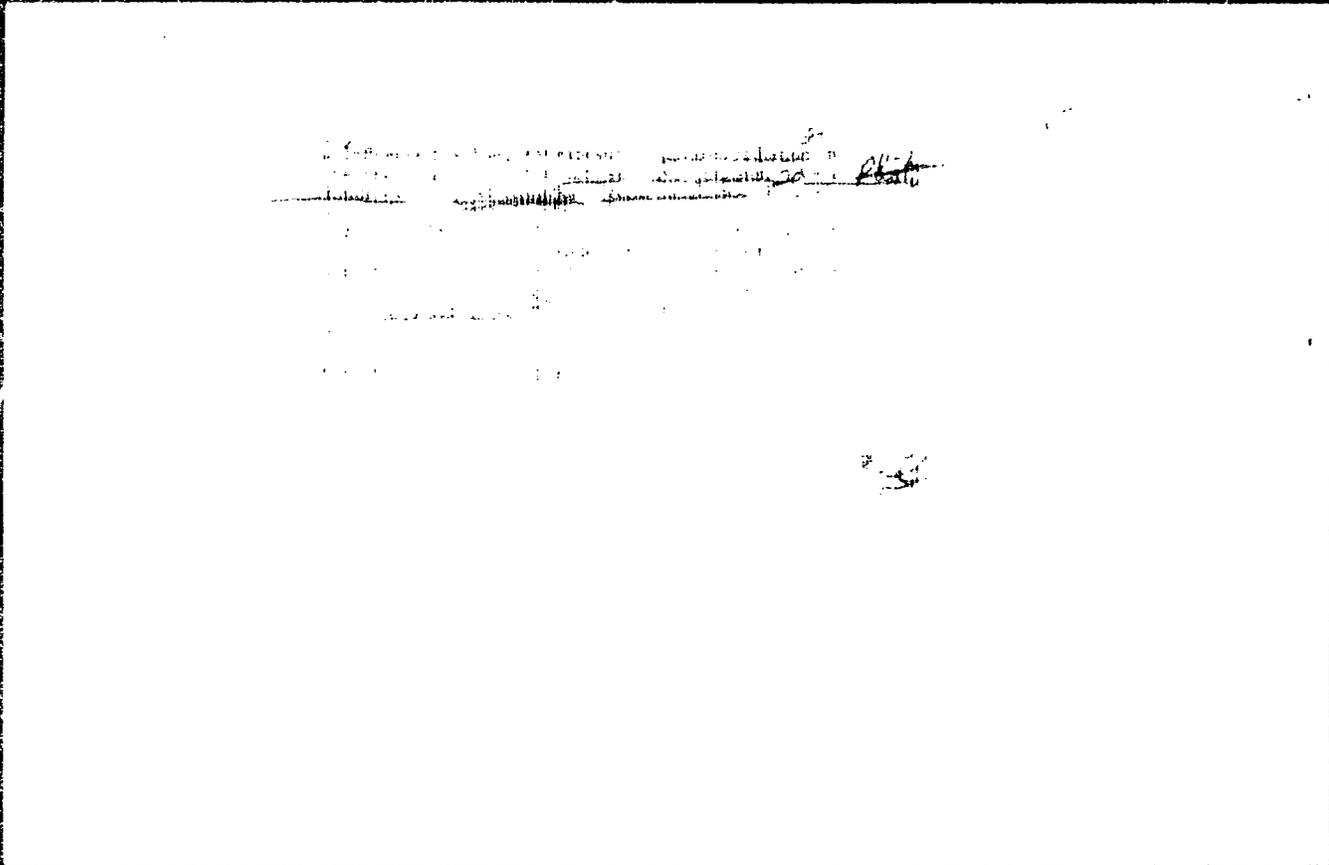
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HRDLICKA, J.; BLUMOVA, V.

Effects of subsequent illumination by infrared radiation on photographic emulsion to increase its capacity of contrast. p. 599. (CESKOSLOVENSKY CASOPIS PRO FYSIKU, Vol. 6, No. 5, Sept 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EBAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

511103
A METHOD FOR THE ACCURACY OF MEASUREMENT OF
RADIUS OF CURVATURE OF PROOF GLASSES WITH A RING
SPHEROMETER (Muney and J. Fujita)

Recent papers, e.g. Jacque (Abstr. 1500/1985) have dis-
cussed the use of approximation to the ring radius to be used in
all cases of accuracy of spherometer measurements. An exact
equation is derived and this is shown to give most accurate
results. The approximate value is used to obtain the first
approximation to the radius of the proof glass. R. N. Fush

HRDICKA, J. KUBIN, B.

Electronic stop watches in photographic technique. p. 50.

(Jemna Mechanika A Optika. Vol. 2, no. 2, Apr. 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

HRDLICKA JOSEF

CZECHOSLOVAKIA/Optics - Optical Technology

K-4

Abs Jour : Ref Zhur - Fizika, No 3, 1958, No 6875

Author : Blumova Vera, Hrdlicka Josef
Inst : Not Given
Title : Critical Relative Aperture of a Photographic Objective
Having Spherical Aberration

Orig Pub : Ceskosl. casop. fys., 1957, 7, No 1, 87-89

Abstract : See Referat Zhur Fizika, 1957, No 12, 31376

Card : 1/1

HRDLICKA JOSEF

APPROVED FOR RELEASE: 09/21/2001

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CZECHOSLOVAKIA/Optics - Photography

Abs Jour : Ref Zhur - Fizika, No 6, 1958, No 14671

Author : Blumova Vera, Hrdlicka Josef
Inst : Not Given
Title : Resolution of Photographic Emulsion

Orig Pub : Rozpr. CSAN, Rada MPV, 1957, 67, No 12, 17-54

Abstract : A detailed treatment of the mathematical theory of the dependence of the resolving power of a photographic emulsion on the contrast of the test objects, with allowance for light scattering in the emulsion (for a brief discussion see Referat Zhur Fizika, 1958, No 2, 4877). The results of an experimental verification of this theory are given both in accordance with the data of the authors (contained in the cited work), and in accordance with literature data.

Card : 1/1

~~HRDLICKA, L.~~
Hrdlicka, L.

3407. STATE OF RESEARCH ON STEAM PROPERTIES. Hrdlicka, L.
(Strojirenstvi, 1955, (8), 630-632; abridged in Engrs' Dig., Dec. 1955, vol. FU
16, 579, 580). (L).

HRDLICKA, L.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and H-13
Application - Ceramics, Glass, Binders, Concrete.

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 8721

Author : Hrdlicka L., Viktora E.

Inst :

Title : Refractory Concrete From Portland Cement.

Orig Pub : Stavivo, 1957, 35, No 4, 141-144

Abstract : Results of investigations of the characteristics (shrinkage, and σ compression after firing at 650, 950, 1100 and 1250^o, refractoriness, temperature of incipient deformation, thermal stability, water-absorption and porosity) of specimens of refractory concrete (RC) from Czechoslovak portland cement with aggregates consisting of scrap of dense and light-weight chamotte bricks, tripoli insulation bricks, dust from chamotte mills and electric power station cinders. Limit of operating temperature of RC 1200-1250^o; 900-1100^o for the light-duty

Card 1/2

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Their Application - Ceramics, Glass, Binders,
Concrete.

H-13

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 8721

types; it is possible to raise it to 1300°.

Card 2/2

HRKLICKA, Milos

HRKLICKA, Milos, prim. MUDr (Brno, Rasinova 22)

Result of the treatment of cancer of the vulva. Cesk, onkol. 2
no.2-3:183-190 1955.

1. Onkologicky ustav v Brne.
(VULVA, neoplasms,
ther., statist. analysis)

HRDLICKA, M., Dr.

Experience with mass survey at the regional cancer-prevention center. Cesk. gyn. 19 no.5:356-357 Sept 55.

1. Onkologicky ustav, Brno.
(GENITALIA, FEMALE, neoplasms,
prev. & control. in Czech.)

SVEJDA, J., Doc., Dr.; HRDLICKA, M.; PTACKOVA, B.

Phase contrast microscopy in examination of surface biopsies
in carcinoma of the cervix. Cesk. gyn. 21-35 no.1:16-19
Feb 56.

1. Ustav pro path. anat. MU v Brne, prednosta prof.
Dr. V. Neumann. Onkologicky ustav v Brne.

(CERVIX, UTERINE, neoplasms,
diag., surface biopsy, phase contrast microscopy
exam. of biopsy material. (Cz))
(MICROSCOPY, PHASE,
of cervical biopsy material in diag. of cancer. (Cz))
(BIOPSY,
uterine cervix in diag. of cancer, phase microscopy
of biopsy material. (Cz))

Czechoslovakia/General Problems of Pathology - Comparative Oncology

Abs Jour : Ref Zhur - Biol., No. 18, 1958, 84934

Author : Hrdlicka, Milos

Inst : no institute is given

Title : Simultaneous Presence of Another Tumor in Cancer of Uterine Cervix

Orig Pub : Ceskosl. gynaekol., 1958, Vol. 23-37, No. 1-2, 48-52

Abstract : Of 3200 patients treated for cancer of the uterine cervix 69, chiefly in the age group of 50-70 years, disclosed multiple tumors. In ten percent of the cases, the second tumor appeared simultaneously with the cervical carcinoma. The average period of time between the appearance of the tumors was five years. It was noted that among malignant tumors, the most frequently encountered concurrent tumors are those of the breast and of the skin. - Ye. F.

Card 1/1

HRDLICKA N.
YUGOSLAVIA/Chemical Technology. Chemical Products H-22
and Their Applications. Chemical Pro-
cessing of Solid Fossil Fuels.

Abs Jour : Ref Zhur-Khiniya, No 7, 1959, 24737

Author : Lovrecek, I., Bauman, E., Hrdlicka, N.

Inst : -

Title : Desulfurization of Coke. IV.

Orig Pub : Kenija u industriji, 1957, 6, No 12, 367-
368, 380

Abstract : Results are presented of the coking experi-
ments conducted at 700 and 800° employing
four types of local coal with the addition
of 2 percent Al_2O_3 , 1-2 percent sodium alu-
minate, gaseous NH_3 , and water vapors in dif-
ferent combinations. The effectiveness of

Card : 1/2

YUGOSLAVIA/Chemical Technology. Chemical Products H-22
and Their Applications. Chemical Pro-
cessing of Solid Fossil Fuels.

Abs Jour : Ref Zhur-Khimiya, No 7, 1959, 24737

the above additives in the desulfurization
of coke obtained from the mentioned samples
of coal and their mixtures is evaluated. For
Part III, see Ref Zhur-Khimiya, 1958, 75191.
-- K. Zarenbo

Card : 2/2

17 -106

HRDLICKA, Neda, inz.

Production and application of aluminum tubes. Farmaceut gl
Zagreb 20 no.9:364-367 S '64.

1. Lead and Aluminum Products Plant, Zagreb.

HRDLICKA, Petr, inz.

Centering gear wheels with splined hubs. Automobil Cz 8
no.10:16-20 0 '64.

1. Automobilove zavody National Enterprise, Mlada Boleslav.

HRDLICKA, Petr, inz.

"Spiral bevel gears" by V. Klepal and V. Kucera. Reviewed by Petr
Hrdlicka. Stroj Vyr ll no.3:167 Mr '63.

HRDLICKA, RUDOLF.

Dukla; sprievodca po bojiskach dukelsko-presovskej operacie 38. sovietskej armady a l. cs. sboru v SSSR. [Vyd. 1.] Bratislava, Statne telovychovne nakl., 1955. 44 p. [Dukla Pass; a guidebook to the battlegrounds of the Dukla-Presov operations of the 38th Soviet Army and the 1st Czechoslovak Army Corps in the USSR. 1st ed. illus., maps]

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

Psychiatry

CZECHOSLOVAKIA

SEDIVEC, V.; HRDLICKA, V.; VENCovsky, E.; Psychiatric Clinic, Medical Faculty, Charles University (Psychiatricka Klinika Lek. Fak. KU), Plzen; Neurological Clinic Medical Faculty Charles University (Neurologicka Klinika Lek. Fak. KU), Plzen.

"Follow-up Examinations of Mentally Ill Patients Treated by Prefrontal Lobotomy."

Prague, Ceskoslovenska Psychiatrie, Vol 62, No 4, Aug 66, pp 224-228

Abstract [Authors' English summary modified]: Catamnestic follow-up of 101 mental patients treated by prefrontal lobotomy during the period 1946 - 1950 is discussed. In schizophrenic patients the treatment gave little satisfaction; it was somewhat better in paraphrenia. Good results were achieved in melancholias, mainly of the involuntional type, and in severe hypochondriacal phobic conditions. In some patients changes of character occurred as a result of the operation; initiative was reduced. EEG examinations of 26 patients and PEG of 20 patients carried out 12 - 15 years after surgery showed atrophic cerebral changes, mainly in the frontal lobe. No references. (Manuscript received 18 Feb 66).

1/1

HRDLICKA, V.

FISAROVA, M., Asst. Dr. ; HRDLICKA, V., Dr

Complications of cerebral arteriography. Nour.psychiat.cesk. 18
no.2:137-144 Mar 55.

1. Lekarska fakulta Karlovy university - pobočka v Plzni Neuro-
logická klinika, prednosta prof. Dr Vaclav Pit'ha.

(BRAIN, blood supply,
arteriography, compl.)

(ANGIOGRAPHY,
cerebral arteriography, compl.)

21(3,4)

PHASE I BOOK EXPLOITATION

CZECH/2404

Habanec, V., Doctor; J. Havelka, Engineer; Zd. Hlasivec, Doctor of Medicine; Zb. Hrdlička, Engineer; I. Chudáček (Graduate in Physics); V. Kouřim, Engineer; J. Kuba, Doctor of Natural Sciences; V. Myslivec, Professor; Jan Tůma, Engineer; and M. Voříšek (Graduate in Physics)

Atom a jaderná technika (The Atom and Nuclear Engineering) Praha, Naše vojsko, 1957. 290 p. (Series: Universita vojáka) 4,000 copies printed.

Reviewers: Bittner, Engineer; Drška, Engineer; Hrdlička, Engineer; Kulka, Engineer; Spurný, Doctor; and Šimáně, Engineer; Ed.: Stanislav Vobořil.

PURPOSE: The book is intended for the general reader.

COVERAGE: The book outlines the principles and operation of nuclear power plants and the use of radioisotopes. The introductory chapters cover the fundamentals of nuclear physics and radioactivity. Several subsequent chapters deal with reactor physics, types of reactors, their engineering, control and

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The Atom and Nuclear Engineering

CZECH/2404

instrumentation. Operating and planned nuclear power installations are described. A short chapter is devoted to the possibility of using nuclear power in transportation. The remaining chapters report on radioisotopes for industry, and on radiology, radiation hazards and safety measures. No personalities are mentioned. There are 25 references, all Czech.

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The Atom and Nuclear Engineering

CZECH/2404

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HRDLICKA, Z.

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17/ Research reactor of the Institute of Nuclear Physics of
 the Czechoslovak Academy of Sciences. ZBYNEK HRDLICKA
 (Czech. Acad. Sci., Prague). Jaderná energie 3, 130-3
 (1957).—This is a swimming-pool reactor similar to that
 described by Nikolaev (C.A. 51, 9347d). The fuel is
 10%-enriched U, moderator and reflector H₂O, max. neu-
 tron flux 2×10^{12} n/sq. cm. sec. The control and safety
 system, the manipulation and communication equipment,
 and the exptl. facilities are described. H. Newcombe

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HRDLICKA, Zd (Praha XII, Capajevovo nam c. 7)

Intestinal obstruction caused by scar of undiagnosed abdominal injury.
Cesk. gastroenter. 11 no.5:349-354 5 Sept 57.

1. Ustav klinicke a experimentalni chirurgie, Praha, reditel doc. Dr.
B. Spacek.

(INTESTINAL OBSTRUCTION, etiol. & pathogen.
scar of undiag. abdom. inj. case report (Cz))

(ABDOMEN, wds. & inj.
scar of undiag. inj. causing intestinal obstruct., case
report (Cz))

HRDLICKA, Z.

HEJMAL, J.; HRDLICKA, Z.; CERVINKA, F.

Problem of postoperative pseudomembranous enterocolitis. Cesk. gastroenter.
11 no.5:355-360 5 Sept 57.

1. Ustav klinické a experimentální chirurgie, Praha-Krc, reditel doc.
Dr. B. Spacek. J. H., Praha-Krc, Budejovicka 800.

(COLITIS

postop. pseudomembranous enterocolitis (Cz))

(SURGERY, OPERATIVE, compl.

same)

EXCERPTA MEDICA Sec 6 Vol 13/7 Internal Med. July 50

3759. PREVENTION AND THERAPY OF IMPAIRED WATER AND ELECTROLYTE BALANCES AFTER SURGICAL OPERATIONS ON THE DIGESTIVE SYSTEM - Prevence a léčení poruch bilance vody a elektrolytů po operacích na trávicím traktu - Hrdlička Z, and Hejnal J. Úst. Klin. a Exp. Chir., Praha - ČSL. GASTROENT. VYZ. 1958, 12/3-4 (235-242) Graphs 1 Tables 2 Illus. 1

The following subdivision is made of disturbances of the water and electrolyte

3759

equilibrium: (1) Patients not subjected to operation with normal internal milieu with partial or completely abolished food intake. These are given 1,500 ml. 10% glucose, 500 ml. normal saline solution, 20-30 ml. 10% KCl solution, 1 U. of insulin per 5-10 g. glucose, 100-200 mg. vit. B₁, 500 mg. vit. C and 25 mg. testosterone i. m. within 24 hr. (2) Postoperative patients with the same disturbances as those of group 1 on the 1st postoperative day receive 1,500 ml. glucose with insulin, 200 mg. vit. B₁, 500 mg. vit. C. In view of the existing oliguria and Na retention normal saline solution is not administered. On the 2nd postoperative day and on the next few days the patients are given 1,500 ml. glucose with insulin, and 500 ml. normal saline solution. From the 3rd day, 20-30 ml. 10% KCl solution, vitamins and 25 mg. testosterone are given as well. (3) Patients with the same condition as those in group 2, but with coexistence of pathological fluid loss: vomiting, fistulae, diarrhoea, fluid loss in body cavities, exudation of the serous membranes, which result in decrease of the extracellular fluid volume, disturbance of the acid-base balance and loss of K. In these cases it is necessary to provide for the basal physiological requirements as mentioned under (1) and (2). Moreover, in case of loss of gastric juice, a corresponding quantity of physiological saline solution with addition of 2% of a 10% KCl solution. (For example: the loss of gastric juice amounts to 1,000 ml., then the substituted fluid must amount to 1,000 ml. physiological saline and 20 ml. of a 10% solution of KCl). Losses of gastric and intestinal juice are replaced by the corresponding quantities of physiological saline solution and Darrow solution, and the same is true for losses of duodenal juice, bile losses, and losses of pancreatic and intestinal juice. (4) Patients with disturbances of the water and electrolyte balance during the preoperative stage must be treated individually. In patients with dehydration shock with oliguria the haemodynamic conditions and the filling of the blood vessels must be normalized before the internal milieu is tackled. Daum - Prague

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EXCERPTA MEDICA Sec 9 Vol 13/7 Surgery July 59

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3950. DISTURBANCES OF THE WATER AND ELECTROLYTE METABOLISM AFTER GASTRECTOMY - K metabolickým poruchám vody a elektrolytů po resekci žaludku - Hrdlička Z. and Hejnal J. Úst. Klin. a Exp. Chir., Praha - ROZHL. CHIR. 1958, 37/7 (436-441) Graphs 3

As a result of a balance analysis made in 25 patients after gastrectomy, the significance of potassium deficiency is pointed out as one of the factors which play a role in the development of postresectional atony. From the described observations practical conclusions are drawn for therapy, which after operation must ensure an adequate intake of water and electrolytes, including potassium, as well as an adequate caloric intake.

HEJNAL, J.; HRDLICKA, Z.; SCHINDLER, J.; CERVINKA, F., Technická spolupráce:
Z. Divis, J. Hrátek, M. Hubková, Z. Linková, L. Rablova, H. Tazilová,
H. Vidmarová, A. Zedníková.

Antibiotics in preoperative preparation of the large intestine.
Rozhl. chir. 38 no.8:507-515 Aug 59.

1. Ústav klinické a experimentální chirurgie v Praze Ústav mikrobiol.
a epidemiol. ÚU v Praze.

(ANTIBIOTICS, ther.) (COLON, surg.)

HRDLICKA, Z.; HEJNAL, J.

Prevention and treatment of disorders of water and electrolyte metabolism in surgical patients with special regard to diseases of the intestinal tract. Rev.Czech.M. 6 no.4: 241-52 '60.

1. Institute for Clinical and Experimental Surgery, Prague -
Krc. Director: Prof. B. Spacek, M.D.
(WATER ELECTROLYTE BALANCE)
(GASTROINTESTINAL SYSTEM surg)

HRDLICKA, Z.; HEJNAL, J.

Possibility of prevention of ischemic necrosis of the liver by means of antibiotics. Cas. lek. cesk. 99 no.6:167-171 5 F '60.

1. Ustav klinické a experimentální chirurgie, Praha, reditel prof. dr. B. Spacek.

(LIVER DISEASES prev. & control)

(ANTIBIOTICS pharmacol.)

(HEPATIC ARTERY physiol.)

HRDLICKA, Z.; HEJNAL, J.

Prevention and therapy of the most frequent water-electrolyte exchange disorders in surgical patients. Rozhl.chir.40 no.2-3: 100-108 Mr '61.

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc, reditel prof.dr. B.Spacek.

(SURGERY OPERATIVE compl)
(WATER ELECTROLYTE BALANCE)

CZECHOSLOVAKIA

UDC 001.5:616.24-006.6

TOPOL, O.; PROSEK, A.; HRDLICKA, Z.; Radiological Clinic, Medical Fac. of Hygiene, Charles University (Radiologická Klinika Lek. Fak. Hyg. KU), Prague, Head (Prodnosta) Prof Dr R. BLAHA; Department of Lung Diseases of Adults (Oddelení Plicních Chorob Dospělých) Thomayer's Hospital (Nemocnice), Prague, Head (Primar) Dr A. PROSEK; Research Institute for Clinical and Experimental Surgery (Vyzkumny Ustav Klinicke a Experimentální Chirurgie), Prague, Director (Reditel) Prof Dr B. SPACEK.

"Clinical Classification of Lung Cancer (TNM System)."

Prague, Casopis Lekarů Ceskych, Vol 105, No 42, 21 Oct 66, pp 1152 - 1154

Abstract [Authors' English summary modified]: The TNM classification system was verified on 59 patients, 30 of whom had surgical findings. Present-day clinical and laboratory methods cannot determine the size of the tumor, mainly where metastases in the nodes, and latent metastases are concerned. However, the system produces more objective comparisons of therapeutic measures in different stages of the disease. Early diagnosis is essential for causal treatment. 3 Figures, 3 Tables, 1 Western reference.
1/1 (Manuscript received May 66).

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~~APPROVED FOR RELEASE: 09/21/2001~~

CIA-RDP86-00513R000618220012-9"

Ignimbrites in the inner Sudetic Basin. Geol průzkum 7 no.3:
82-83 Mr '65.

1. Central Geological Institute, Prague.

HRDLICKOVA, Daniela

Tectonics and volcanism of the northeastern surroundings of
Usti nad Labem. Vest Ust geol 38 no.4:277-280 Je '63.

1. Ustredni ustav geologicky, Praha.

HRDLICKOVA, V.

Hrdlicka, Z. Peking, p. 130. Ceskoslovenska spolecnost zemepisna,
SEBORNÍK, Praha. Vol. 61, no. 2, 1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress
Vol. 5, No. 12, December, 1956.

HRDLICKOVA, Venceslava

Zemepisny a hospodarsky prehled Ciny, Japanska a Koreji. (Geographic and Economic Survey of China, Japan, and Korea; a university textbook. 1st ed. bibl., tables) For the students of the Faculty of Philology. Prague, SPN, 1957. 394 p.

Bibliograficky katalog, CSR, Ceske knihy, No. 33, 24 Sept 57. p. 713.

TREINDL, Ludovit, C.Sc.; HRDLOVIC, Pavol, promovany chemik

Polarographic examination of the kinetics of substituted reactions of trivalent chromium with anions of organic acids. Chem. zvesti 16 no.8:593-600 Ag '62.

1. Katedra anorganickej a fyzikalnej chemie, Prirovedecka fakulta University Komenskeho, Bratislava, Smeralova 2.

L-38596-66

ACC NR: AP6027708

SOURCE CODE: CZ/0034/66/000/001/0070/0070

AUTHOR: Hrdoun, F.

ORG: none

TITLE: Method of screening furnace openings by combustion of heating gases

SOURCE: Hutnicko listy, no. 1, 1966, 70

TOPIC TAGS: heat treat furnace, gas engineering

ABSTRACT: The article is an abstract of Czechoslovak Patent Application No Class 18c, 9/00, PV 3404-64, dated 13 June 64. The invention covers an arrangement by which a varying amount of air or of inert gas may be introduced into the combustion gas. The arrangement provides an accurate temperature control of the combustion gases and provides protection of an inert atmosphere when required. [JPRS: 34,519]

SUB CODE: 13 / SUBM DATE: 13Jun64

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HRDY, D.

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Berlin, Paul demische Gesundheitswesen, Vol. 17, No. 12, 12 Apr 61

1. "Gruppe of Oligoneuritic Foci" from a Surgical Point of View. Dr. V. BOPP of the Surgical Clinic of the Hospital on Land, Hamburg (Gefäßkr. XIV) see Proc. 2nd. Internat. Symp. on Vascular Diseases, Moscow (1958), pp 391-392.
2. "Neuritis Latra and its Complications" under Population "A." MICHKE, M. of the Internal Medicine Division of the Central Hospital, Leipzig, Leipzig (Gewebe) pp 500-509.
3. "Polymyalgia Rheumatica" (Gefäßkr. XIV) see Proc. 2nd. Internat. Symp. on Vascular Diseases, Moscow (1958), pp 391-392.
4. "Complications of Tumor Site Effects of 4- and 61-Cytoplastin in the Treatment of Cancer" (Gefäßkr. XIV) see Proc. 2nd. Internat. Symp. on Vascular Diseases, Moscow (1958), pp 391-392.
5. "Polymyalgia Rheumatica" (Gefäßkr. XIV) see Proc. 2nd. Internat. Symp. on Vascular Diseases, Moscow (1958), pp 391-392.
6. "Prevalence of Blood Group Type B (Nash and Bergman) of the High-blood Group Type B in the Population of Iceland." Color Reaction for Blood Grouping. (Gefäßkr. XIV) see Proc. 2nd. Internat. Symp. on Vascular Diseases, Moscow (1958), pp 391-392.
7. "Further Contribution to the Distribution of Antigens Group B Type in the High Blood Group." (Gefäßkr. XIV) see Proc. 2nd. Internat. Symp. on Vascular Diseases, Moscow (1958), pp 391-392.

72

HRDY, I.

Hrdy, I.; Veber, J.

"Food Intake Of The Larva Of The Colorado Potato Beetle
(Leptinotarza Decemlineata Say.) And Its Progress."
p. 10, (Zoologické A Entomologické Listy, Vol. 1,
No. 1, 1952, Praha.)

Vol. 3, No. 2.

SO: Monthly List of East European Acquisitions, Library of Congress, March 1954, Incl.

Effect of hexachlorocyclohexane and DDT on the may-
beetle. I. Hrdý (Station lab. CSAV, Prague). *Vešník*
34, 131-273387. DDT (200 mg.) in a Long-Web: bell
within 6 days caused 44% mortality in females and 100% in
males. Hexachlorocyclohexane (I) is definitely more effec-
tive. The course of poisoning differs in the 2 substances.
With I, excitations set in very soon; they may disappear
within 12 hrs. and the maybeetle recovers. On the other
hand with II excitations do not take place, but the poison-
ing is irreversible. These substances also differ in their
effect on the no. of eggs laid: after 20 mg. II only 25% of
eggs have been laid, while 40 mg. I did not affect the amt. of
eggs. The autopsy of the females showed changes of
ovaries. K. Marek.

HRDY, Ivan

Entomology in China. Cas entom 57 no.3:291-295 '60.
(China--Entomology)

(EEAI 10:1)

HRDY, I.; KUNST, M.; POVOLNY, D.; STYS, P.; ZELENY, J.

"Zoology for students of Pedagogic Institutes" by J.Lang, V.Kocian,
O.Fravda. Pt.1. Reviewed by I.Hrdy, M.Kunst, D.Povolny, P.Stys,
J.Zeleny. Cas entom 61 no.2:195-200 '64.

HRDY, I.

Commemorating the anniversary of the birthday of professor Julius Komarek. Cas entom 59 no.4:384 '62.

HRDY, I.

"Advances in biological sciences" edited by I. Malek.
Reviewed by I. Hrdy. Cas entom 60 no.1/2:174-175
'63.

HRDY, J.

"Preventive Measures Against Breakdowns in Hydroelectric Stations." p. 203, Praha, Vol. 4, no. 5, May 1954.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

HRDY, J.

HRDY, J. Level control at hydroelectric-power stations. p. 324.

Vol. 6, no. 7, July 1956

ENERGETIKA

TECHNOLOGY

Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

8(6)

PHASE I BOOK EXPLOITATION

CZECH/2788

Hrdý, Jaroslav

Obsluha malých vodních elektráren (Maintenance of Small Hydroelectric Power Stations) Prague. Státní Nakladatelství Technické Literatury, 1958. 202 p. 2,000 copies printed.

Reviewers: Miloslav Druckmüller, Engineer, Václav Hosnedl, Engineer, Karel Špindla, Jan Urban, Engineer; Resp. Ed.: Leopold Podešva, Engineer; Tech. Ed.: Vladislav Lacina; Managing Ed. for Literature on Mechanical Engineering: Zdeněk Hlávka, Engineer.

PURPOSE: This book is intended for personnel of small hydroelectric power plants.

COVERAGE: In the introductory chapters of the book the importance of water power in the national economy, the economics of hydroelectric power plants, and decisions as to the types of water utilization are discussed. The technical part of the book presents a description of water wheels and their main components, filters,

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